

Serial No. 09/923,359

Docket No. K-0311

Amdt. dated July 10, 2006

Reply to Office Action of March 10, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. - 4. (Canceled)

5. (Currently amended) An operating method of an informative service system comprising ~~the steps of:~~

continuously confirming the location of a ~~terminal~~ client's mobile phone set to receive various services; ~~and~~

collecting special information required for supply of traffic information in a region through a local content provider ~~CP~~ network constructed in the region when it is confirmed through ~~pilot~~ a pilot signal transmitted from ~~a the client's mobile phone terminal~~

that the client's mobile phone terminal enters the ~~region~~ region; and

transmitting the collected information to an Internet Protocol (IP) of the client's mobile phone ~~terminal~~.

6. (Original) The method according to claim 5, wherein the special information is at least one of information effective only in the corresponding region, information of the

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current traffic conditions in the region, information of each road in the region and information of the current conditions of each road.

7. (Currently amended) The method according to claim 6, wherein when the special information includes information of the current traffic conditions in the region, the information of the current traffic conditions in the region ~~is further comprises~~ information under a traffic control condition.

8. (Currently amended) The method according to claim 6, wherein when the special information includes information of each road in the region, the information of each road ~~is further comprises~~ information of driving speed limit, information of no-parking areas, information of one-way traffic and map data of the above information.

9. (Original) The method according to claim 6, wherein information of the current traffic conditions is information of road conditions due to road construction in the corresponding region and map data of the above information.

10. – 17. (Canceled)

18. (Currently amended) An operating method of an informative service system for providing requested information ~~if to an~~ owner of a mobile phone terminal entering a special region requests special information within the region through Internet connection using the terminal, the operating method comprising the steps of:

requesting special information within a region by the owner of a mobile phone entering the region, the request being through an Internet connection using the mobile phone through a base station;

receiving the ~~requested~~ request for special information through a server network from the mobile phone;

confirming the present position of the ~~owner of the~~ owner's mobile phone by the server network by confirming the base station through which the mobile phone is connected through a channel connected with the mobile phone terminal who requests information; and

searching for the requested information at a local content provider (CP) network from information stored on the basis of information received from the server network;

transmitting data of the requested information to the local CP network; and  
constructed in the confirmed location

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transmitting the data of the requested information from the local CP network to an Internet Protocol (IP) of the mobile phone.

19. – 29. (Canceled)

30. (Currently amended) An information service system comprising:

a database storing information of a standard location registered by the client using a mobile phone, information of critical value of a difference in time and space from the standard location and information related with services provided according to the difference in time and space;

position confirming means for grasping the present position of the client by confirming a base station through which the mobile phone is connected through a channel connected with the mobile phone;

time measuring means for counting time exceeding the critical value from the standard location registered by the client;

information obtaining means for obtaining information of services set according to the difference in time and space confirmed by the position confirming means and the time measuring means; and

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information transmitting means for transmitting the obtained information to ~~a~~  
an Internet Protocol (IP) of a mobile phone terminal of a client.

31. (Original) The system according to claim 30, wherein all of the means are constructed according to the environment of a mobile communication system based on various networks.

32. (Currently amended) An operating method of an informative service system comprising ~~the steps of~~:

registering a standard location by a client using a mobile phone;

continuously confirming the present position of the client by confirming the base station through which the mobile phone of the client is connected through a channel connected with the mobile phone;

confirming a difference in time and space between the confirmed present position of the client and an initially registered standard location; and

performing a service set according to an exceeded difference if the confirmed difference in time and space exceeds a critical value of ~~the set~~ a set difference in time and space.

33. (Currently amended) The method according to claim 32, wherein the ~~step of~~ confirming the present position of the client is performed according to a period for confirming the set present position or performed according to a request of the client.

34. (Currently amended) The method according to claim 32, wherein the ~~step of~~ confirming a difference in time and space between the confirmed present position of the client and an initially registered standard location is performed by confirming whether or not the client is out of the set critical distance from the initially registered standard location.

35. (Currently amended) The method according to claim 32, wherein the service set according to the exceeded difference if the confirmed difference in time and space is ~~comprises~~ service for providing at least one of information of various e-mails received from the ~~initially~~ registered standard location to the client's account at a time point exceeding the critical value of the set difference in time and space, information of available restaurants at ~~the location~~ a location where the client is located if it is a mealtime, and information of traffic for returning the client to the standard location.